SOV/137-58-9-18667

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 9, p 73 (USSR)

Babiy, A.S., Sapiro, D.I., Zhmak, S.I., Kravtsov, G.Ye. AUTHORS:

On the Causes for the Formation of Cracks in Tube Ingots (K TITLE:

voprosu o prichinakh obrazovaniya treshchin na trubnykh

slitkakh)

报日3中共和山西州2000年至1000年日1000年日1200年日1200年日1200年日1200年日1200年日1200年日1200年日1200年日1200年日

V sb.: Staleplavil'n. proiz-vo. Moscow, Metallurgizdat, PERIODICAL:

1958, pp 115-126

A statistical analysis of data from melt data sheets is used ABSTRACT:

to determine the influence of the major procedural factors upon rejection of tube ingots due to longitudinal cracks. The following factors contribute to crack formation: After-teeming of molten pig iron, which gives rise to an increase in the temperature of the metal upon tapping (rejects from such heats come to 10.1%, 6.2% being due to cracks); an increase in the duration of the pure boil period; and increase in metal temperature. 0.85-1.1 kg Al/t for steel deoxidation, [S] within the limits investigated (0.028-0.043%), and the Mn/S ratio do not affect the quan-

tity of cracks in ingots. Cracks form primarily as the result of failure of the linear rate of filling of the molds with metal to

Card 1/2

等建筑建筑的现在分词 医动物 化对应用性 经连接通过 医皮肤 医皮肤 经工程 经证明 一下一种 医耳径 "这一样一个时间,我们们也不得了了。""这种是他们一个被话,这一样,一个不是一样,他们是这一样

SOV/137-58-9-18667

On the Causes for the Formation of Cracks in Tube Ingots

correspond to their temperature. It is found that the temperature of the metal on tapping should be 1510-1520°C in the runner (pyrometer reading), the pure boil should last <50 min, and pouring rate should be 0.15-0.20 m/min. Substitution of bunker oil for carbonaceous lacquer as the mold coating reduces ingot rejects almost 50%. Fe-Ti proved to be effective in the deoxidation of the metal. To prevent the formation of hot cracks in round ingots due to the erosion of globulite skin and the uneven distribution of metal temperature across the ingot cross section (due to a nonvertical direction of the stream on emerging from the buffer brick) it is recommended that a stream-equalizing nozzle be employed.

L.K.

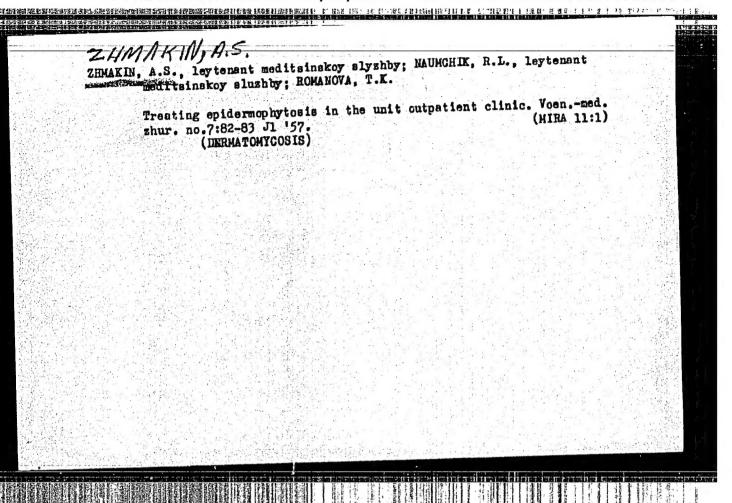
1. Steel tubing--Fracture 2. Data--Statistical analysis

Card 2/2

ZHMAKIN, A.N., inzh.; KLEYN, P.N., inzh.

Guarantee of adequate safety in electroplating shops. Prom. energ. 20 no.12:24-25 D'65.

(MIRA 18:12)



137-58-6-12654

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 211 (USSR)

AUTHORS: Zhmakin, D., Klanin, I., Postnikov, A.

TITLE: A Method of Establishing Firm Time Standards for Welding and

Casting Operations (Metodika sozdaniya ukreplennykh norma-

tivov na svarochnyye i liteynyye raboty)

PERIODICAL: Sots. trud, 1957, Nr 8, pp 88-92

ABSTRACT: Methodological instructions prepared by the heavy-machinery VPTI for establishment of time standards based on motion

study for welding and casting operations are presented. Consolidated time standards (TS) for welding jobs are developed on the basis of specific quotas for the component operations. Depending upon the degree of consolidation, the standards may fall into three categories: 1. TS for the complex of operations and change-overs performed by the welder. An example is given of the compilation of a TS for the complex of operations involving non-operative time in setting up an automatic welder

at the start of a seam and shutting it off after the weld is made.

2. TS for actual working time only in welding one running meter

Card 1/2 of weld. All the elements of the unit-of-production time quota

137-58-6-12654

A Method of Establishing Firm Time Standards for Welding (cont.)

are classified into two groups in accordance with the length of the weld and in accordance with the product and the operation of the equipment. 3. Standard quotas for "per-piece" time, developed on the basis of the standard production precesses and time standards for component operations. Time quotas for casting operations are set on the basis of analysis and systematization of the results of stop-watch studies of the individual elements in the production process.

N.G.

Welding-Standards
 Foundries-Standards
 Industrial production-Standards

-- The transfer of the state of

3. Labor -- Performance

Card 2/2

GITLEVICH, A.D.; ZHIVOTINSKIY, L.A.; ZHMAKIN, D.F.; FAL'KEVICH,
A.S., kand, tekhn. nauk, retsenzent; CHIKUNOV, A.I., inzh.,
retsenzent; TYURIN; V.F., inzh., red.; FETUKHOVA, G.N.,
red.izd-ve; MODEL!, B.I., tekhn.red.

[Work standards based on technical data for welding engineering processes] Tekhnicheskoe normirovanie tekhnologicheskikh
protsessov v svarochnykh tsekhakh. [By]A.D.Gitlevich i dr.
Moskva, Mashgiz, 1962. 170 p. (MIRA 16:3)
(Welding--Production standards)

GITLEVICH, A.D.; ZHMAKIN, D.F.; KLANIN, I.N., YAROVINSKIT, L.M., laureat

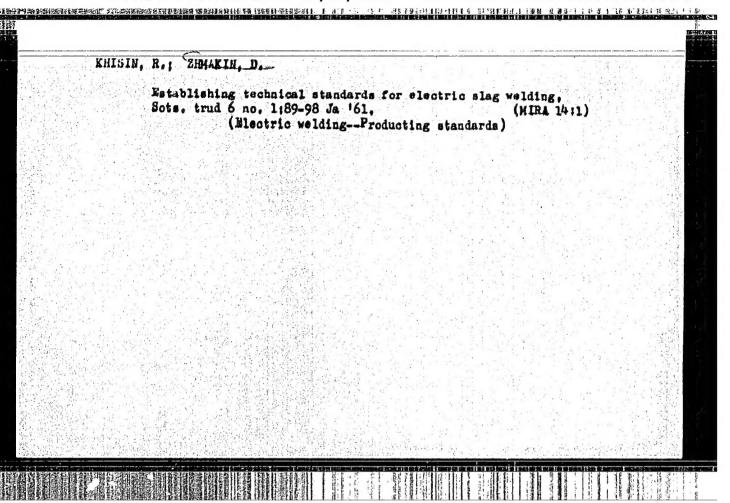
Stalinskoy premii, retsenzent; KHISIN, R.I., redaktor; MATVEYEVA,

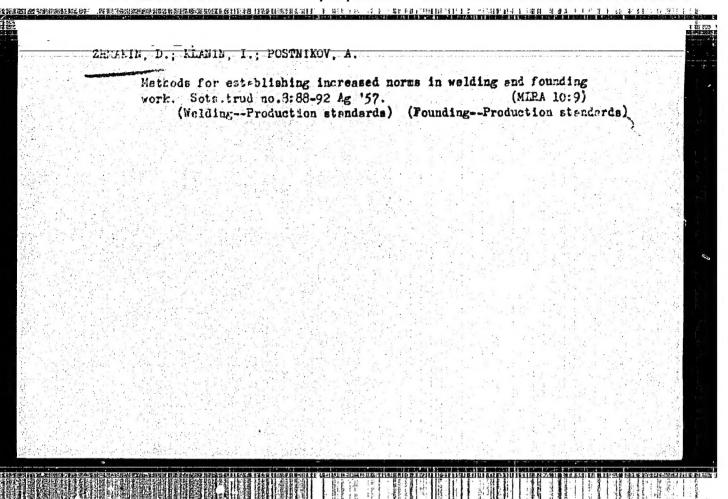
Ye.N., tekhnicheskiy redaktor; POPOVA, S.M., tekhnicheskiy redektor

[Technical standardization of arc welding processes in machinery construction] Tekhnicheskoe normirovanie protsessov dugovoi elektrosvarki v mashinostromii. Pod. red. R.I.Khisina. Moskva, Gos. nauchnotekhn. izd-vo mashinostroit. lit-ry, 1954. 212 p.

(Rlectric welding)

(Rlectric welding)





VOL'SKIY, V.S., inzh.; MARKOVA, V.I., tekhnik; ZHMAKIN, D.F., inzh.; GRINBERG, R.Ya., inzh., red.; SMIRNOVA, G.V., tekhn. red.

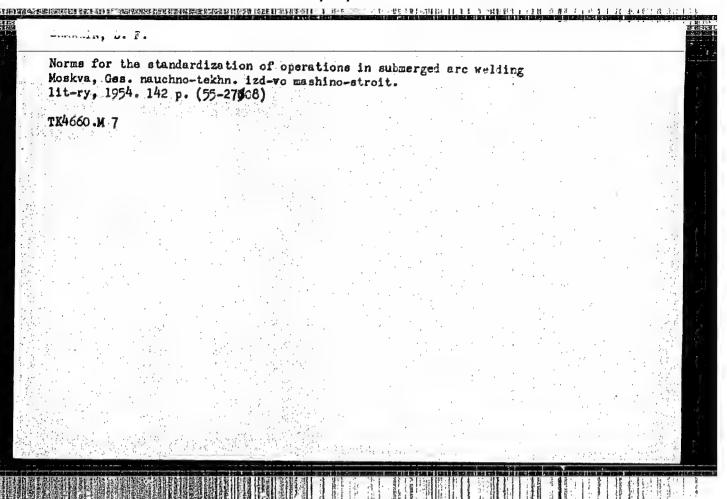
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[General time norms used in the machinery industry for technical standardization of preparatory work on metal elements; smal-lot and piece production]Obshchemashinostroitel'nye normativy vremeni dlia tekhnicheskogo normirovaniia zagotovitel'nykh rabot po metallokonstruktsiiam; melkoseriinoe i edinichnoe proizvodstvo.

Moskva, Mashgiz, 1962. 102 p. (MIRA 15:12)

1. Moscow. TSentral'noye byuro promyshlennykh normativov po trudu. 2. Vsesoyuznyy proyektno-tekhnologicheskiy institut Ministerstva transportnogo mashinostroyeniya SSSR (for Zhmakin, Markova, Vol'skiy).

(Machine-shop practice-Production standards)



LEKSEYEV, S.A.; ZHMAKIN, D.F.; KEREKESH, V.V.; MALOV, A.N.;

MARTSINOVŠKIY, P.L.; MOLOTOK, A.V.; HESMELOV, V.A.;

TEVEROVSKIY, P.A.; KHISIN, R.I.; DELITSIN, A.A., retsenzent;

SOKHNOVSKIY, M.A., retsenzent; STEFANOV, V.P., retsenzent;

STOROZHEV, M.V., retsenzent; TALANOV, P.I., retsenzent;

FAL'KEVICH, A.S., retsenzent; CHERNUSHEVICH, V.A., retsenzent;

KHISIN, R.I., red.; GAL'TSOV, A.D., red.; VOL'SKIY, V.S., red.;

STRUZHESTRAKH, Ye.I., red.; SEMENOVA, M.M., red. izd-va; MODEL',

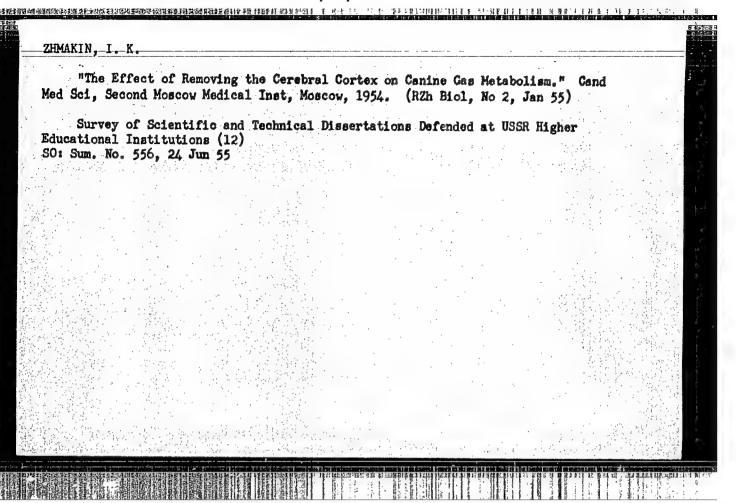
B.I., tekhn. red.

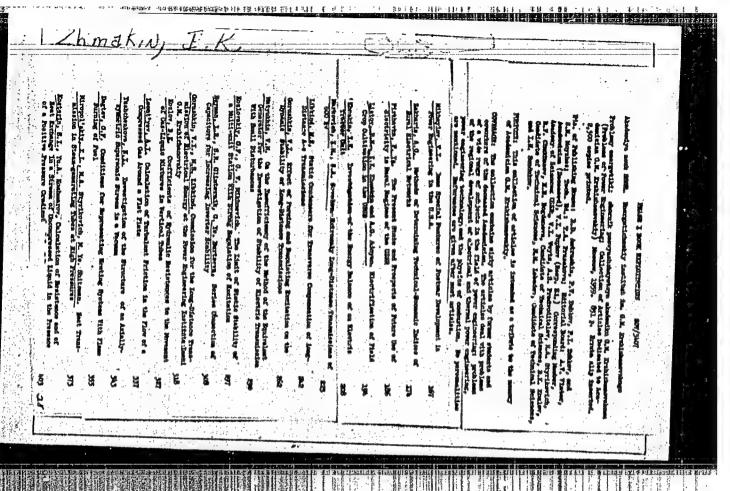
[Manual for the establishment of norms in the machinery industry in 4 volumes] Spravochnik normirovshchika-mashinostroitelia v 4 torakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. Vol.3. [Establishing norms for founding, stamping, welding, painting, metal plating, and woodwork] Normirovanie liteinykh, kuznechnykh, shtampovochnykh, svarochnykh, lakokrasochnykh rabot, metallopokrytii i derevoobrabotki. 1962. 671 p.

(MIRA 15:4)

(Machinery industry-Production standards)

BAIASHOVA, N.A.; ZHMAKIN, G.G. Extent of ion adsorption on platinum as affected by the thermal and mechanical treatment of the surface. Dokl. AN SSSR 143 no.21358-361 Mr '62. 1. Institut elektrokhimii AN SSSR. Predstavleno akademikom A.N.Frumkinym. (Adsorption) (Metals—Finishing)





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USSR / Human and Animal Physiology. Motabolism.

Aba Jour

: Ref Zinr - Biol., No 15, 1958, No. 69778

Author Inst

: Zhmakin, I. K.

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Abstract

nginion, those Findings confirm the Thronical parties : Studies were made of the features of specific-dynamic action of food in dogs following extirpation of the cortex of either one or both cerebral hemispheres using the method of determination of gas exchange recommended by Douglas and Haldane, and by Tsunts and Haldane. Removal of the cortex of one homisphere led to a certain prolongation of the period of elevated 02 consumption. The maximum 02 consumption came on slightly earlier and was only slightly different in magnitude from that in the preoperative state.

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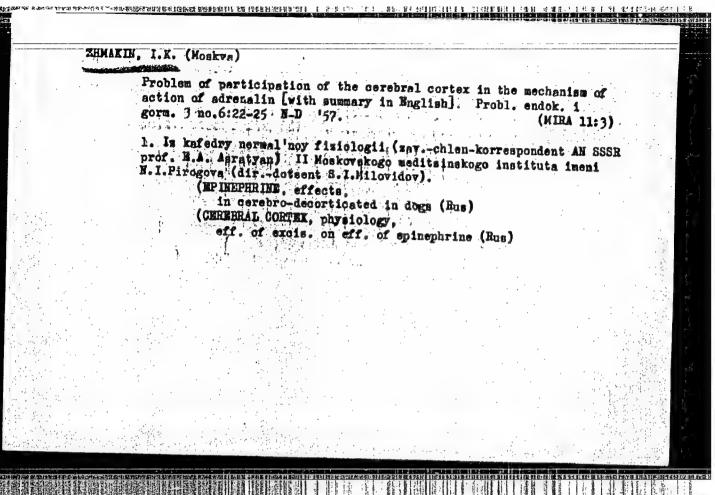
ZHMAKIN, I.K., kand, meditsinskikh nauk

B.F. Verigo, distinguished scientist. Zdrav. Belor. 6 no.8173-74
Ag '60.

(MIRA 1319)

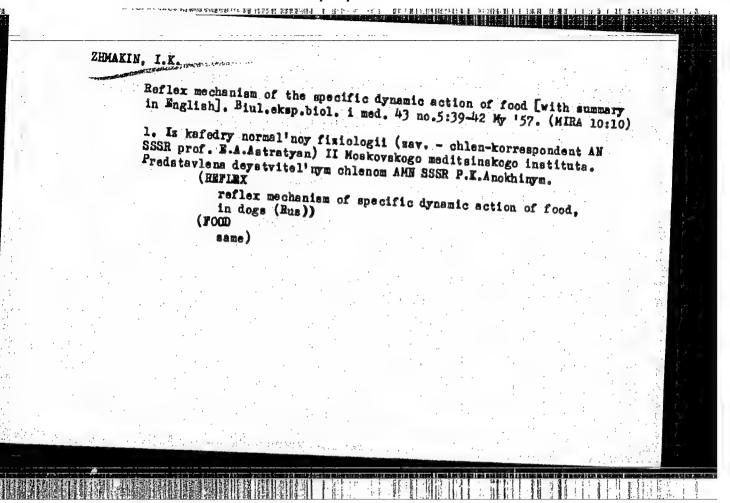
1. Kafedra normal'noy fiziologii (zaveduyushchiy - professor W.I.
Arinchin) Grodnenskogo meditsinskogo instituta.

(VERIGO, BRONISLAV FORTUNATOVICH, 1860-1925)



andmain, i. K. Dissertation: "Power System of an Electric Tractor." Cand Tech Sci, Power Engineering Inst imeni G. M. Krzhizhanovskiy, Acad Sci USSR, Moscow, Oct-Dec 53. (Vestnik Akademii Nauk, Moscow, Jun 54) SO: SUM 318, 23 Dec 1954

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ZHIAKIN, K.N., prof.

Ways of further decreasing stillbirths. Zdrav.Ros.Feder. 3
no.8:31-34 Ag '59. (MIRA 12:11)

1. Is kafedry akusherstva i ginekologii (sav. - prof.K.N.
Zhmakin) I Moskovskogo ordena Lenina meditsinskogo instituta
imeni L.M. Sechenova. (STILLBIRTH)

USSE Medicine - Literature

Medicine - Surgery

"Review of I. L. Braude's Book, 'Emergency Surgery in Obstetrics and Gynecology,' K. N. Zhmakin, 3/4 p

"Akusher I Ginekol" No 2

Handbook for doctors telling what to do in case of injury, hemorrhage, etc., and for tumors or cancer. Published by Medgiz, 1947, 320 pp. This is a second printing and has expanded sections on pathological gynecology and obstetrics.

63/49737

ZHMAKIN, K.N

ZIMAKIN, K. N.

Osnovnye momenty resvitiis problemy rateional nogo vedendia rodov v otechestvennom akusherstv. /Resic principles in the development of rational methods of labor conduction in Russian obstetrics/ Akush. gin. No. 3 May 50 p. 27-32

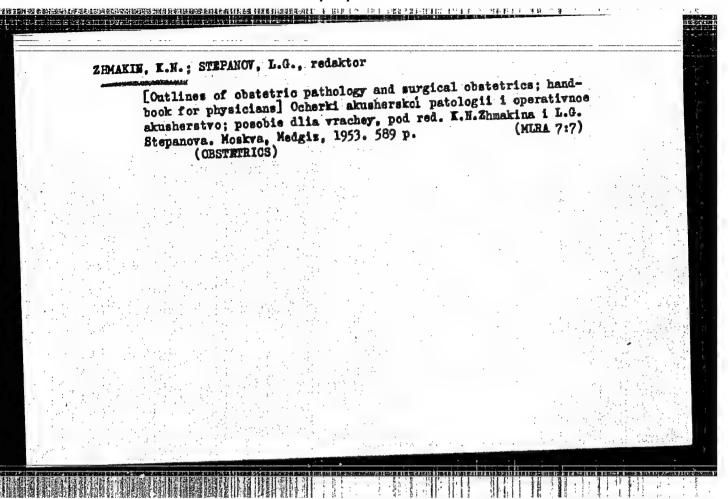
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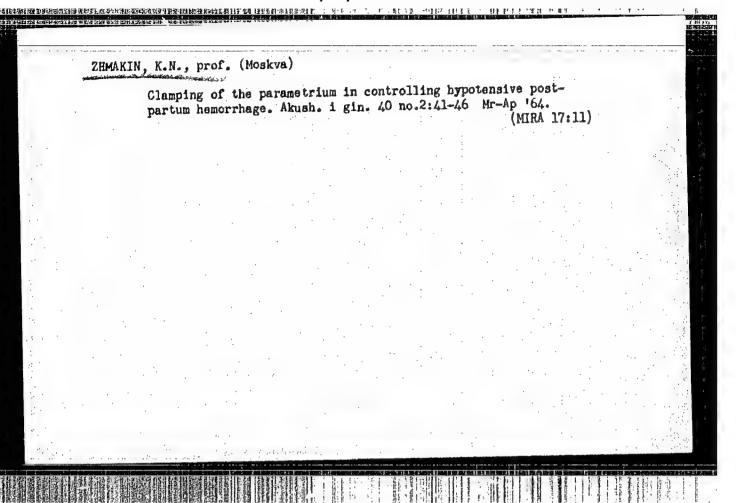
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Obstetrics
Results of a discussion on controversial questions in obstetrics, Akush. i gin. No. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952, Unclassified.



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ABRAMYAN, A.Ya., prof.; BUSALOV, A.A., prof.; VELIKORETSKIY, A.N., prof.; CROZDOV, D.M., prof.; DORMIDONTOVA, K.V., dots.; ZHMAKIN, K.N., prof.; KORNEV, P.G.; LEVIT, V.S.prof. [deceased]; LIKHACHEV, A.G., prof.; LOBACHEV, S.V., prof.; MOLODAYA, Ye.K., prof.; PETROV, B.A.; PRIOROV, N.N. [deceased]; SALISHCHEV, V.E., prof. [deceased]; SAPOZHKOV, P.I., prof. [deceased]; TERNOVSKIY, S.D. [deceased]; FAYERMAN, I.L., prof., zasl. deyatel nauki; CHAKLIN, V.D.; CHENTSOV, A.G., prof. [deceased]; CHERNAVSKIY, V., prof.; SHADURSKIY, K.S., prof.; SHAKHBAZYAN, Ye.S., prof.; VELIKORETSKIY, A.N., prof.; red.; GORELIK, S.L., dots., red.; YELANSKIY, N.N., red.; STRUCHKOVA, V.I., red.; RYBUSHKIN, I.N., red.; BUL'DYAYEV, N.A., tekhn. red.

[Surgeon's manual in two volumes] Spravochnik khirurga v dvukh tomakh. Moskva, Medgiz. Vol.2. 1961. 642 p. (MIRA 17:4)

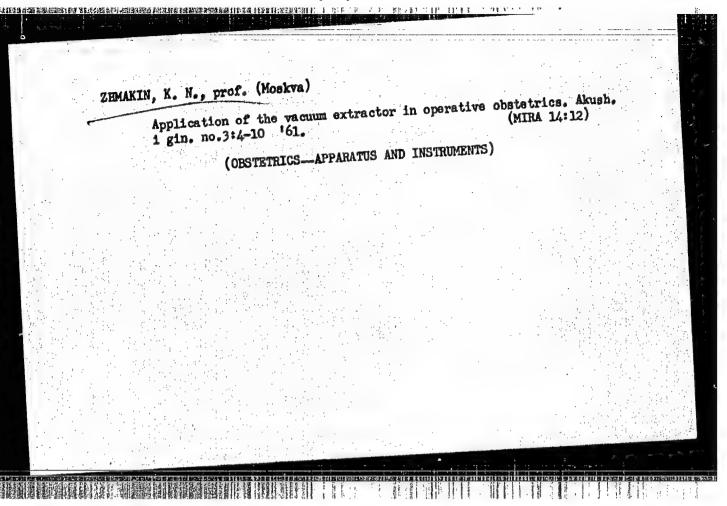
1. Chlen-korrespondent AMN SSSR (for Yelanskiy, Struchkova, Petrov, Ternovskiy, Cheklin). 2. Deystvitel'nyy chlen AMN SSSR (for Kornev, Priorov).

GURTOVOY, L.Ye., prof.[deceased]; IVANITSKAYA_ Ye.P., doktor med.
nauk; MAZHBITS, A.M., prof.; PREYSMAN, A.B., prof.;
STARTSEVA, L.N., kand. med. nauk; TRUYEVTSEVA, G.V., kand.
med.nauk; SHUB, R.L., zasl. deyatel' nauki Latviyskoy SSR
prof.; YAGUNOV, S.A., prof.[deceased]; PERSIANOV, L.S., prof.,
otv. red.; ZHMAKIN, K.N., prof., zasl. deyatel' nauki RSFSR,
red.; RYABOV, G.Z., red.; ROMANOVA, Z.A., tekhn. red.

[Multivolume manual on obstetrics and gynecology] Mnogotomnoe rukovodstvo po akusherstvu i ginekologii. Moskva, Medgiz. Vol.4. Book 1. [General gynecology] Obshchaia ginekologiia. 1963. 674 p. (MIRA 16:9)

1. Chlen-korrespondent Akademii meditsinskikh nauk (for Yagunov, Fersianinov).

ZHMAKIN, K.N.; OSTROVITYANOVA, L.V. Experience in the activity of the Board of the Scientific Society of Obstetricians and Gynecologists of the R.S.F.S.R. and of the local societies. Akush. 1 gin. 39 no.4:141-42. JI-Ag*63 (MIRA 16:12)

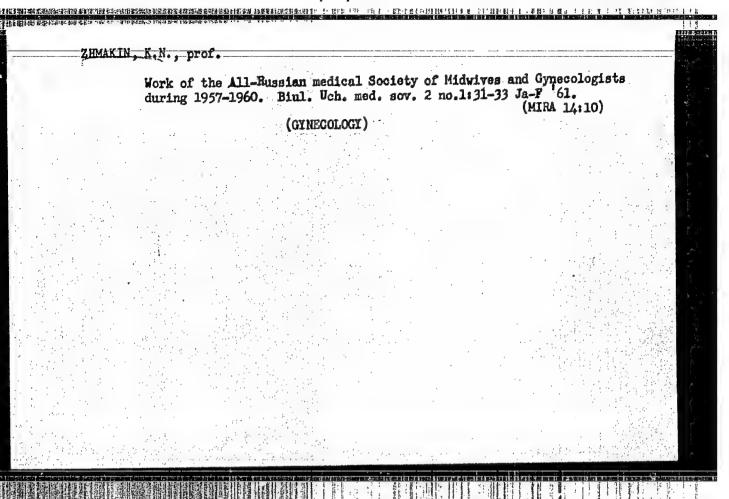


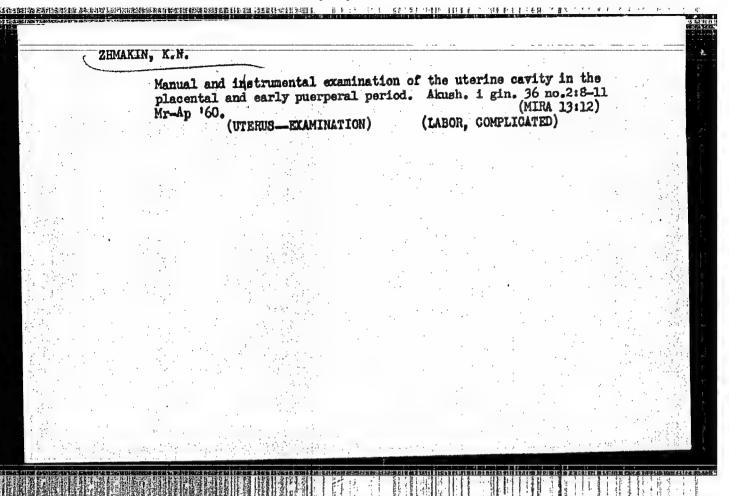
EULAVINTSEVA, A.I., kand. med. nauk; KAZANSKAYA, N.I., kand.med. nauk;

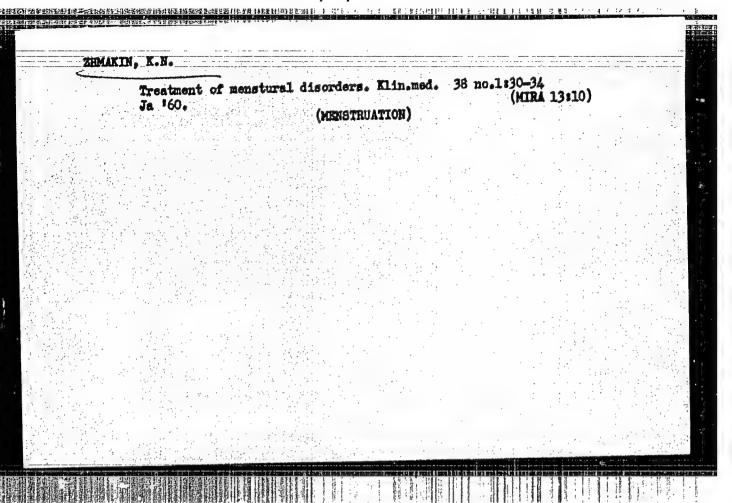
KASHINSKIY, A.V., kand. med. nauk; LIFMANOVICH, S.G., kand. med. nauk; NARBUT, Ye.I., kand. med. nauk; POKROVSKIY, V.A., zssluzhennyy deyatel' nauki RSFSR, prof.; ROMANOVSKIY, R.M., kand. med. nauk; TUMANOVA, Ye.S., prof.; YAKOVIEV, I.I., zasluzhennyy deyatel' nauki RSFSR, prof.; LANKOVITS, A.V., prof., nauchnyy red.; PERSIANINOV, L.S., prof., otv. red.; HEKKER, S.M., prof., red.; PEIOSHAPKO, P.A., prof., red.; LEBEDEV, A.A., prof., red.; ZHORDANIA, I.F., prof., red.; LEBEDEV, A.A., prof., red.; MANENKOV, P.V., prof., red.; STEPANOV, L.G., kand. med. nauk, red.; SYROVATKO, F.A., prof., red.; FIGURNOV, K.M., prof., red.; PORAY-KOSHITS, K.V., red.; LANKOVITS, A.V., red.; SENCHILO, K.K., tekhm. red.

[Multivolume manual on obstetrics and gynecology] Mnogotomnoe rukovodstvo po akusherstvu i ginekologii. Moskva, Gos.izd-vo med. lit-ry. Vol.6. 1961. 679 p. (MIRA 15:4)

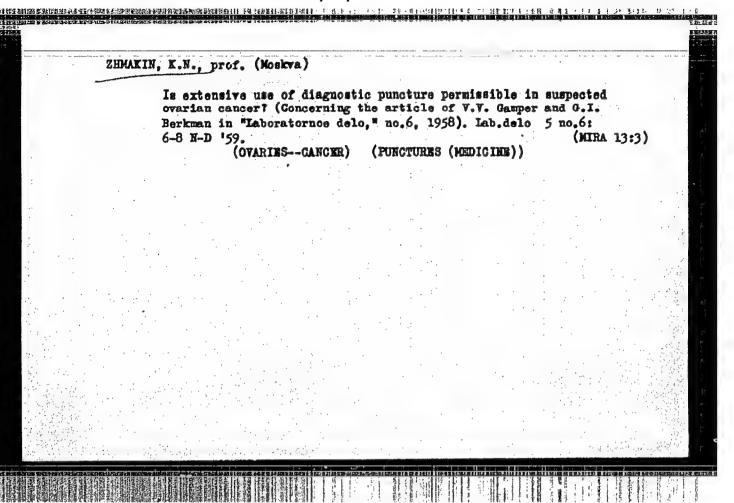
1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Persianinov, Beloshapko, Figurnov).
(OBSTETRICS-SURGERY) (GYNECOLOGY, OPERATIVE)

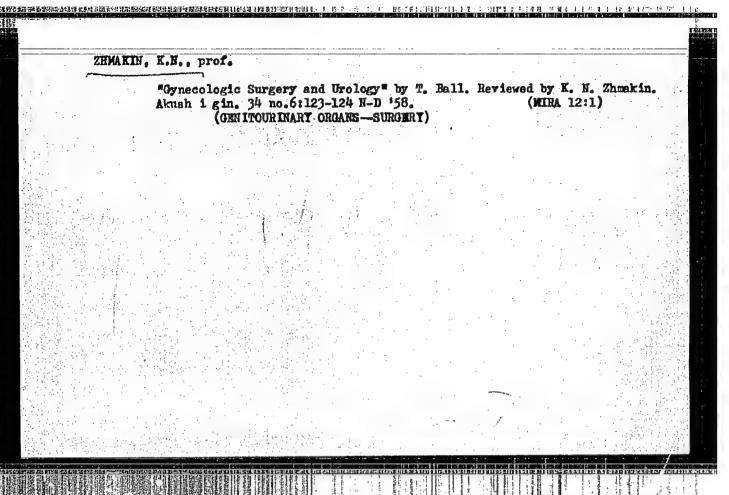


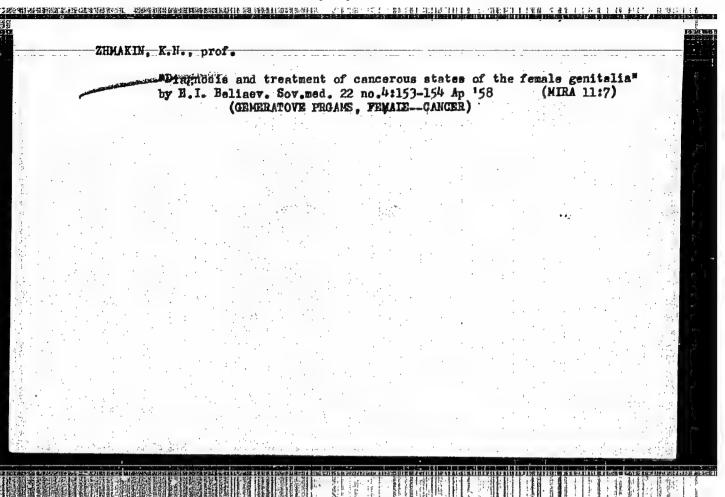




ZHMAXIN, K.H., prof. Joint plenary session of the administrative boards of medical societies of obstetricians and gynecologists and of pediatricians of the R.S.F.S.R. Akush.i gin. 35 no.6:97-100 N-D '59. (GYNECOLOGY) (OBSTETRICS) (MIRA 13:4)	Joint plenary session of the administrative boards of medical societies of obstetricians and gynecologists and of pediatricians of the R.S.F.S.R. Akush.i gin. 35 no.6:97-100 H-D '59. (MIRA 13:4)					
societies of obstetricians and gynecologists and of pediatricians of the R.S.F.S.R. Akush.i gin. 35 no.6:97-100 H-D *59. (MIRA 13:4)	societies of obstetricians and gynecologists and of pediatricians of the R.S.F.S.R. Akush.i gin. 35 no.6:97-100 H-D *59. (MIRA 13:4)	ZHAKIN, K.N.	prof.			
(MIRA 13:4)	(MIRA 13:4)	societie	es of obstetricians and	gynecologists and of ped	diatricians	
					(MIRA 13:4)	
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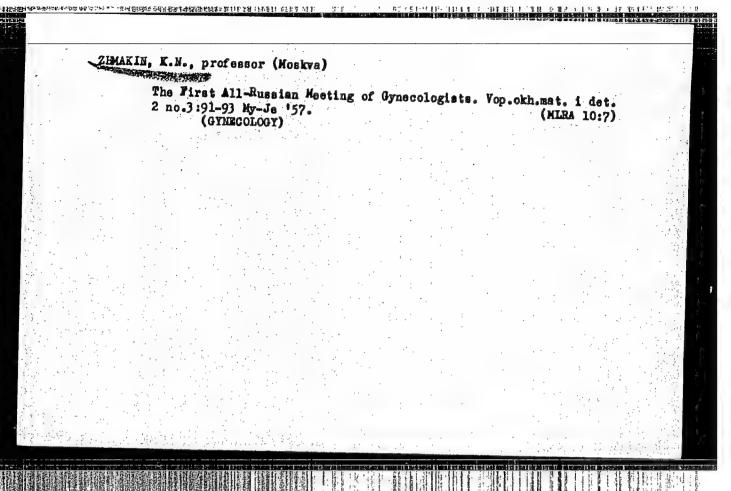
ZHAKIN, K.N.; OSTROVITYANOVA, L.V. (Moskva)

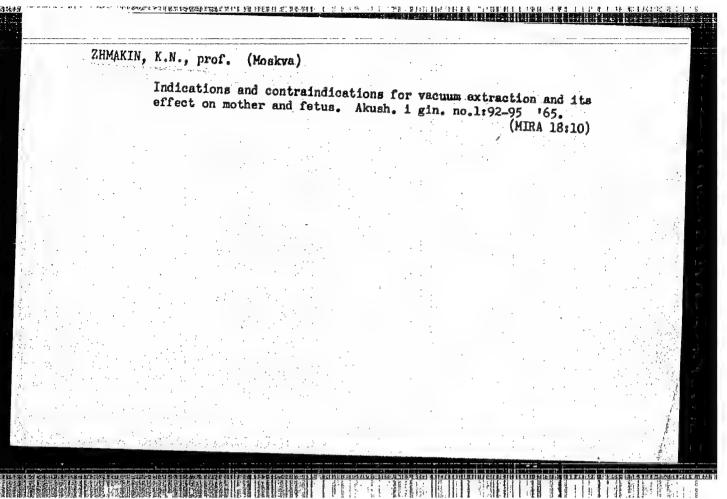
Work of the administration of the All-Russian Medical Society of Obstetricians and Gynecologists. Vop.okh.mat. 1 det. 3 no.3:84-88 (MIRA 11:5)

(OBSTETRICS.—SOCIETIES) (GYNESOLOGY.—SOCIETIES)

ZHRAKIN, K.M., professor (Moskva)

Use of scalp forceps in modern obstetrics. Akush. 1 gin. 33 no.3:
40-42 hy-Jo '57.
(DELIVERY forceps (Rus))





BLOSHANSKIY, Yu.M.; VANINA, L.V.; VIKHLYAYEVA, Ye.M.; ZHMAKIN, Kongtentin Nikoleyevich, prof.; LOTIS, V.M.; MAHUILOVA, I.A.; MOINEYERKO, M.D.; STAC BI-LIAN' [Heise PI-lien]; STRONGINA, T.N.; THUYEVYSEVA, C.V.; SHAKHNOYKAYA, V.F.; GARVEY, N.M., red.; NAVROTSKIY, O.G., tekhn. red.

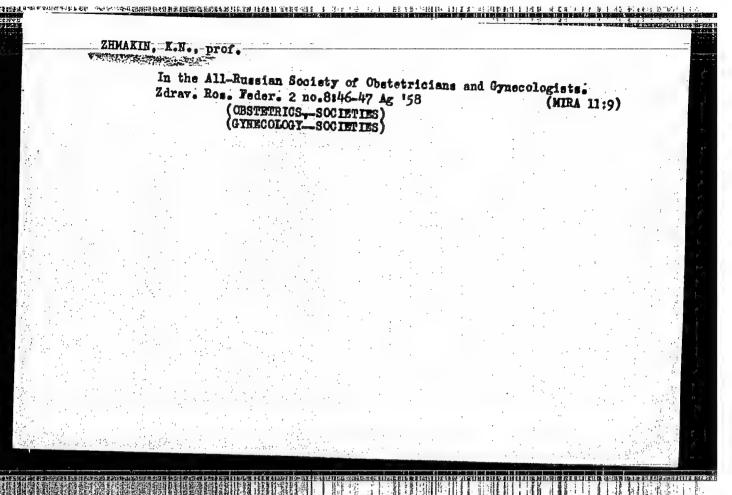
[Physiology and pathology of the menstrual function] Fiziologiia i patologiia menstrual'noi funktsii. Otv. red. K.N. Zhmekin. Moskva, Pervyi Mosk. med. in-t, 1960. 174 p. (MIRA 14:5)

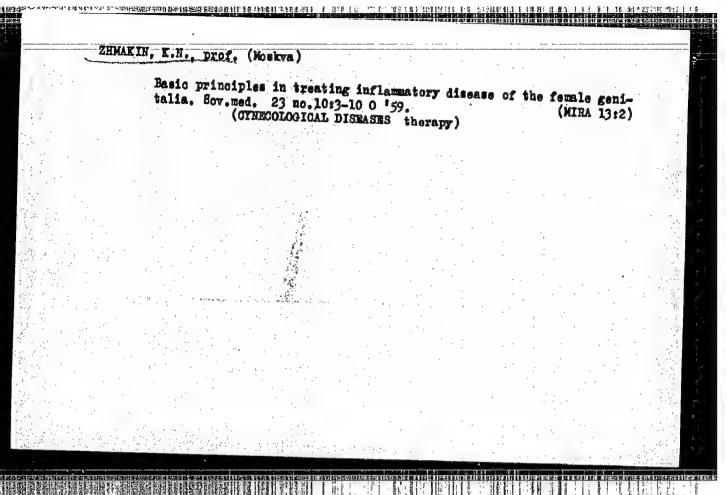
1. Sotrudniki kafedry akusherstva i ginekologii 1-go Moskovskogo ordena Lenina Meditsingkogo instituta im. I.M. Secherova (for all except darvey, Mevrotskiy). (MENSTRUATION)

BODYAZHINA, Vera Il'inichna, prof.; ZHMAKIN, Konstantin Mikolayevich, prof.; GRYAZHOVA, I.M., red.; BELCHIKOVA, Yu.S., cakin; edital [Textbook of gynecology] Uchebnik ginekologii. Moskva, Gos. izd-vo med. lit-ry, 1958. 366 p. (NIRA 12:1)

1. Kafedra akusherstva i ginekologii I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova (for Bodyashina).

2. Zaveduyushchiy kafedroy akusherstva i ginekologii I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova (for Zhmakin). (GYNECOLOGY)





NESENCHUK, A.P.; ZHMAKIN, N.F. SEL'DIN, M.I. inch. retsenzent; SMOL'SKII, A.M., inzh., retsenzent; GLUKHOV, B.F., kand. tekhn. nauk, retsenzent; STEPANCHUK, V.F., kand. tekhn. nauk, retsenzent; VEYNIK, A.I., prof., red.

。在我是我的中部就是有自己的的要数据的第三人称:

[Course design of industrial boiler systems] Kursovoe proektirovanie kotel nykh us anovok promyshlennykh kotel nykh.
Minsk, Izd-vo M-va vysshego, srednego spetsial nogo i prefessional nogo obrazovanila BSSR, 1963. 103 p.

(MICA 18:1)

S/081/61/000/001/004/017 A005/A105

Translation from: Referativnyy zhurnal, Khimiya, 1961, No. 1, p. 279, # 1145

AUTHOR:

Zhmakin, N.P.

TITLE.

Investigation of the Heating Process of Moist Capillary-Porous Materials in an Electric HF-Field

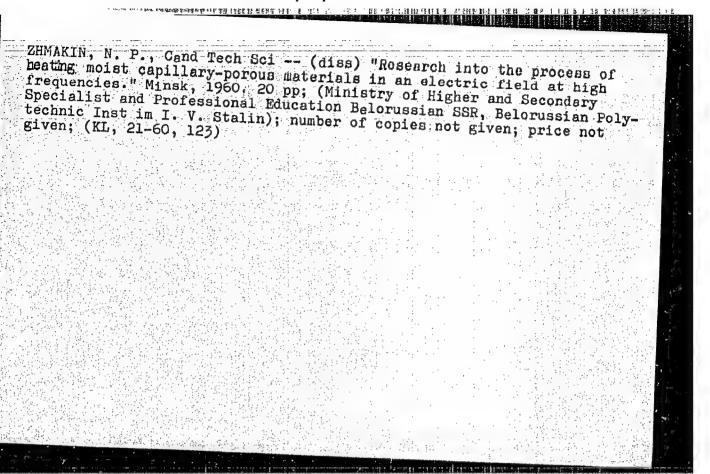
PERIODICAL.

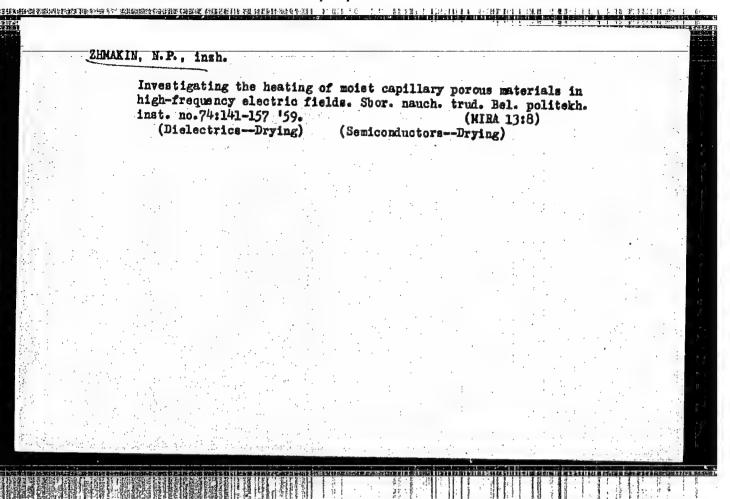
"Sb.nauchn.tr.Berlorussk.politekhn.in-t", 1959, No.74, pp. 141-157

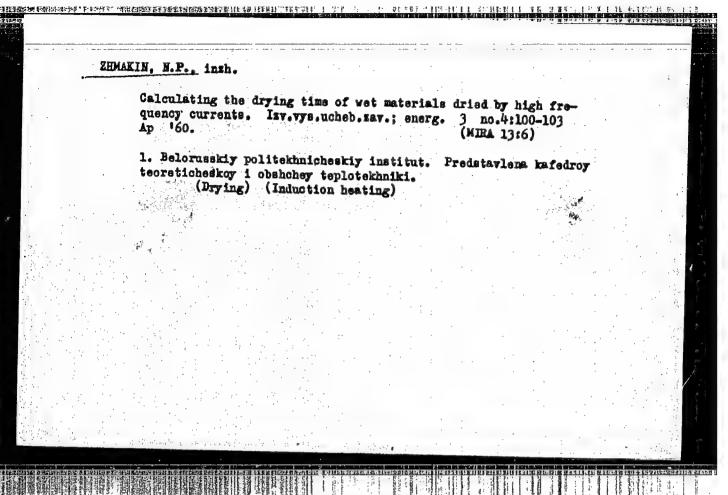
TEXT: The author analytically and experimentally investigated the heating process of moist capillary-porous dielectrics and semiconductors by HF-currents. One can conditionally dismember the total heating cycle into three stages for approximate calculations: 1) heating of the moist body up to the boiling point of the moisture, and 2) elimination of the moisture at teconst and heating of the dry body. Equations are obtained for determining the time T required for the heating of the body up to the prescribed temperature t, for determining the body temperature and the body moisture at a given instant, and for determining the maximum vapor gauge pressure at different body points dependently on ${\mathcal T}$. The application of the obtained equations is illustrated by a rated example. Translator's note: This is the full translation of the original Russian abstract. Card 1/1

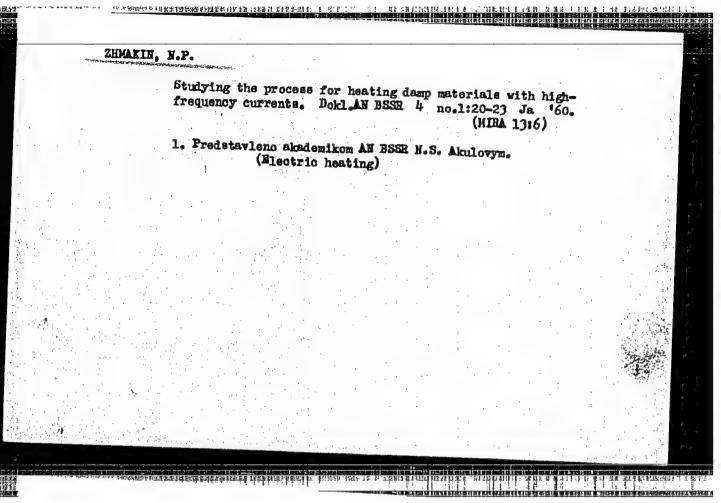
CIA-RDP86-00513R002064830008-0"

APPROVED FOR RELEASE: 07/19/2001









USSR / Farm Animals, Cattle (Small)

Q-3

Abs Jour: Ref Zhur-Biol., No 2, 1958, 7183

Author: V. I. Oryel, G. I. Smolina, T. Ye. Shilina, N. V. Zhmakina, L.F. Prikhod'ko, V.I. Fedoseyeva, O.S. Shir-yayeva, R. Sergeyeva: Starvopol Agricultural Institute

Title

: The Effect of Full Value Protein Feeding on the Thickness of the Wool of Soviet Merino Ewes Two to

Orig Pub: Sb. nauchno-issled. rabot stud. Stavropolisk. s-kh. in-t, 1956, vyp. 4, 79-81.

Abstract: With biologically full value protein feed the

active growth of wool in young ewes occurs at the age of 2 weeks to six months.

Card 1/1

ZHMAKINA, N. I.

Method for determining available phosphorous in carbonate-rich light-colored chestnut soils in Volgograd Province. Pochvovedenie no.7:107-109 Jl 62. (MIRA 15:10)

1. Volgogradskiy seliskokhozyaystvennyy institut.

(Volgograd Province—Soils—Phosphorous content)

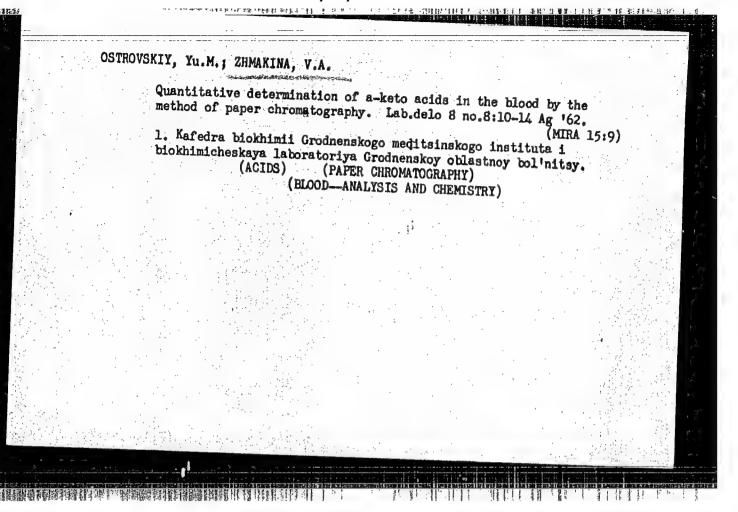
ZHMAXO, H.M.: IOSELEYA, M.A.

Stabilizing sand by salt mixtures entering into reaction with sodium silicates. Sbor.nauch. trud. Bel. politekh.inst. no.78:
162-167 '160.

(Salts) (Soil stabilization)

(MIRA 13:11)

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R00206483000



15-57-8-11604

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 8,

pp 220-221 (USSR)

AUTHORS: Zhmake, N. M., Drozd, P. A., Ioseleva, M. A.

TITLE: Stabilizing of Sands by Chemical Methods (Zakreplenive

peskov khimicheskimi metodami)

PERIODICAL: Sb. nauchn. rabot. Belorus. politekhn. in-t, 1956.

Nr 54, pp 51-56

ABSTRACT: The authors have developed a new method for surface

chemical stabilization of sandy soils. The method is based on use of a Na silicate solution. The basic binding substance in silicatization of sands is not silica gel but Ca (or Mg) hydrosilicate. This fact is confirmed by tests of B. A. Rzhanitsyn who, in addition to Ca chloride, used solutions of other chlorine salts and obtained specimens which differed sharply

in stability. It is not possible to form a hydrate of

Card 1/3

15-57-8-11604

Stabilizing of Sands (Cont.)

Ca (or Mg) oxide by interaction of solutions of Na silicate and Ca (or Mg) chloride, since the hydrate is more soluble than Ca (or Mg) hydro-silicate. The nature of sand stabilizing by silicatization is based on the development, between the particles of sand, of a cement consisting of insoluble silicate with an amorphous structure and capable of producing specimens which are stable in water. Na silicate in the form of a solution of 2-normal and 2.5-normal concentration (with a silicate modulus of 2.7) was used for this purpose. Sulfuric acid salts of Mg, Zn and Al, Mn, Fe and Cu, used in the form of small crystals, served as the second component of the reaction. Crystal size was from 0.25 mm to 1 mm. Fine-grained sand was used, with particles of uniform diameters and a porosity of about 40 percent. A layer of sand 10 cm thick was mixed with a properly calculated amount of sulfuric acid salt, and a solution of Na silicate of appropriate concentration was poured over it. The crystals of the sulfuric acid salt, uniformly distributed in the sand, leave passages for the flow of the soluble silicate to the necessary Gard 2/3

建设设 的过程或是现在是一个企业的保护的企业的企业的企业的企业。

Stabilizing of Sands (Cont.)

15-57-8-11604

depth (10 cm); about four minutes are required for total penetration. The entire specimen hardens into a solid mass after 15 or 20 minutes. The specimens were taken out of the mold after three days and were immersed in water. They did not lose their stability even after a year's storage in water, were not changed during their submersion, and their permeability remained at 3 000 to 8 000 times below that of the initial sand specimens. Mg sulfate, used in the amount of 10 to 12 percent, is the cheapest and most suitable sulfuric acid salt for this work. Card 3/3

E. G. Borisova

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064830008-0

USSR/Chemical Technology. Chemical Products and Their

Application - Silicates. Glass. Ceramics. Binders.

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12639

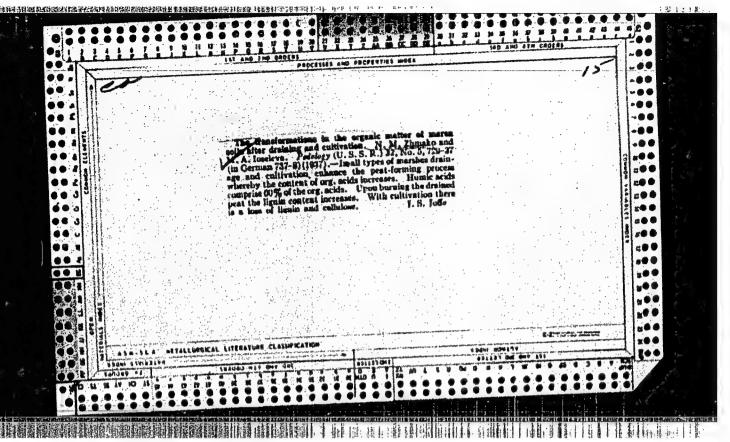
Author

: Zhmako N.M., Drozd P.A., Ioseleva M.A. Belorussian Polytechnic Institute Inst Title.

: On Frost Resistance of Sands Fixed by Chemical Methods

Sb. nauch. rabot Belorus. politekhn. in-ta, 1956, No 54, 57-62

Abstract Aqueous solutions of mixtures of sodium silicate and salts of divalent or trivalent metals (for example MgSOh), on being introduced into a sandy soil render the latter mechanically strong (critical point on compression up to 8 kg/cm2). Replacement of 1/3 MgSO4 by technical boric acid increases strength of the sandy soil.



SOV/112-58-1-500

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1958, Nr 1,

pp 73-74 (USSR)

AUTHOR: Zhdanov, I. A., and Zhmarev, G. S.

TITLE: New Porcelain Low-Voltage Grain Filler Fuse Cutouts

(Novyye farforovyye nizkovol'tnyye nasypnyye predokhraniteli)

PERIODICAL: V sb.: Raboty M-va elektrotekhn. prom-sti SSSR po mekhaniz. i avtomatiz. nar. kh-va, Z. M., 1956, pp 164-166

ABSTRACT: A description, a picture, and a mounting sketch with dimensions are presented of a new line of low-voltage porcelain grain-filler fuse cutouts, PN2. series, manufactured by Kursk Factory of Low-Voltage Equipment for rated currents of 100, 250, 400, and 600 amp. The new fuse cutouts are intended for AC standard-frequency installations up to 500 v, and differ from the older PNR line of the same factory in their smaller size, in procelain-tube construction, contact blades, and fusible links, and also in their higher interrupting rating. The new cutout weighs 27.6-41.8% less than the older type, depending on the current rating. Also, it requires less steel and copper than the

Card 1/2

SOV/112-58-1-500

New Porcelain Low-Voltage Grain-Filler Fuse Cutouts

older one. Unlike conventional round cross-section porcelain tubes, the new cutout has a square cross-section tube. Under test conditions, the new cutouts repeatedly interrupted 3-phase currents of 300-27,000 amp rms at 440 v, at power factor 0.12-0.2. The new cutout has a detachable handle for replacing fuse units.

R.S.D.

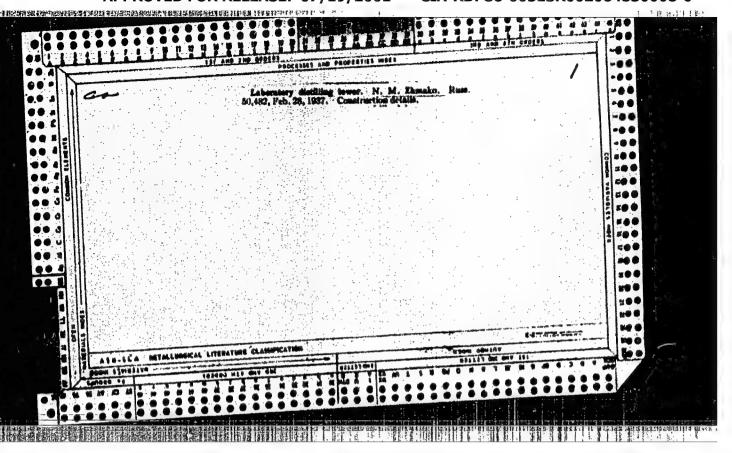
AVAILABLE: Library of Congress

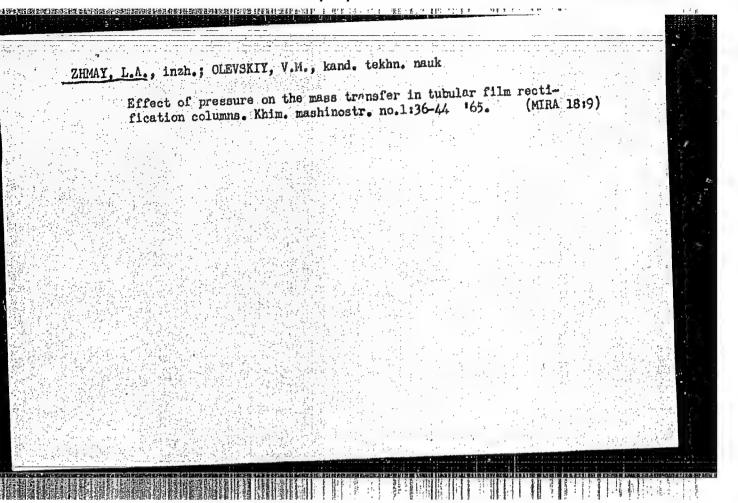
- 2. Electric relays -- Design 1. Fuses (Electrical) -- Performance
- 3. Electric relays -- Test results

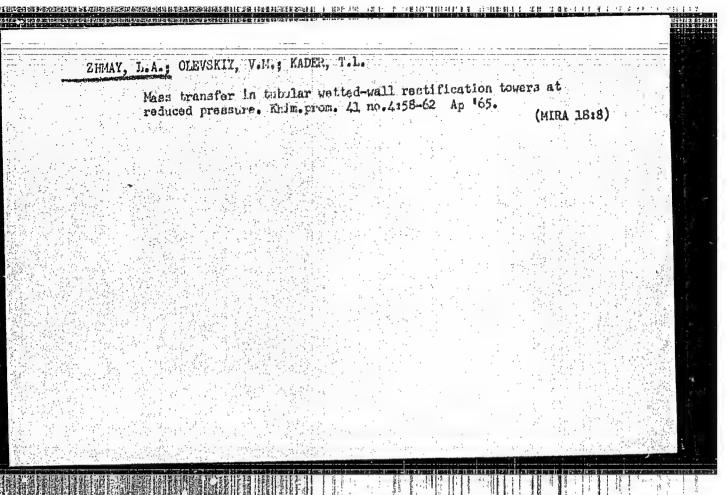
Card 2/2

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064830008-0

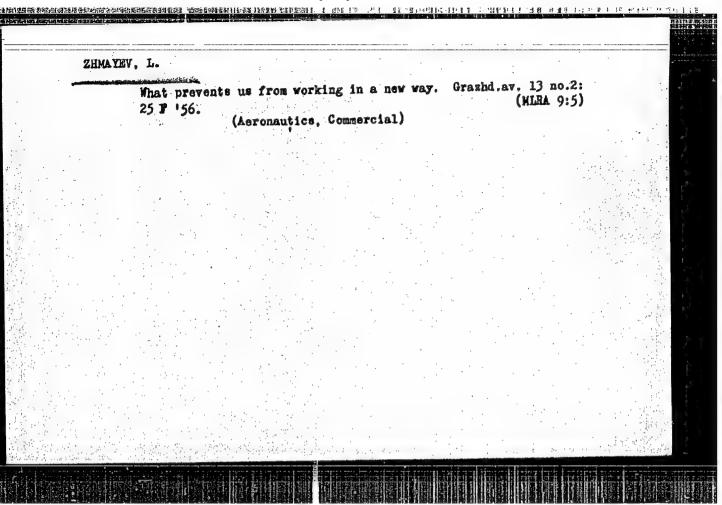






ZHMAY, L.A.; OLEVSKIY, V.M.; Prinimali uchastiye: KARANT, T.I.; YAKGVLEVA, W.S.; SEMKINA, N.S.; SKAMEYKIN, V.I.

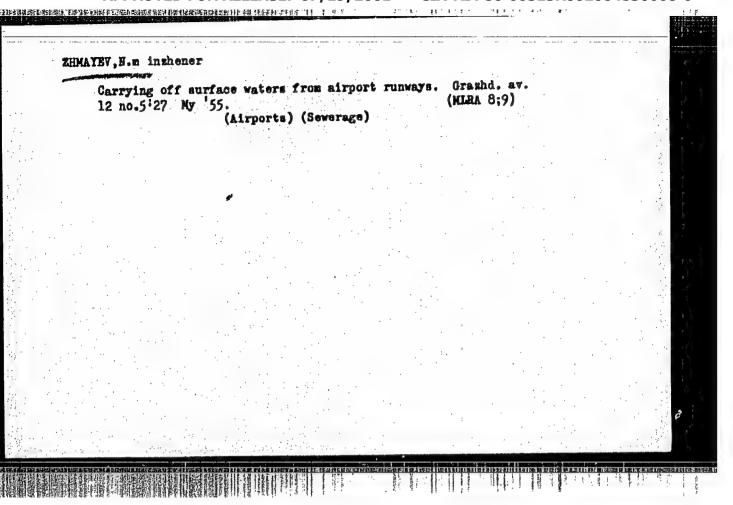
Mass exchange in tubular wetted-wall columns. Khim. prom. 40 (MIRA 18:3)



SMORODINOV, M.I., kand. tekhn. nauk; ZHMAYEV, M.I., inzh.; FEDOROV, A.N., inzh.

Some problems of the design of machines for cutting frozen ground, and research objectives. Stroi. i dor. mash. 7 no.4: 14-15 Ap *62. (MIRA 16:7)

(Prozen ground) (Earthmoving machinery)



USSR/Virology - Rickettsias.

Abs Jour

Ref Zhur - Biol., No 15, 1958, 67007

Author

Kulagin, S.M., Zhmaeva, AiM., Shekhanov, M.V., Pchelkina,

A.A.

Inst

Title

The Characteristic of Nidus of a Tick Rickettsiose in the

South-East of Turkmenia.

Orig Pub

Zh. mikrobiol., epidemiol. i immunobiologii, 1957, No 7,

114-121

Abstract

The presence of ticks Hyalomma asiaticum naturally infected by rickettsins was established in one of the districts. The isolated rickettsia strains are pathogenic for guinea pigs, white rats, young white mice (weight not more than 10 grams) and chick embryos. These strains are morphologically close to Dermacentroxenus sibiricus, D. murinum, D. conori and are different from the latter in their case toward polynuclearization. The authors ascribe the

Card 1/2

USSR/Virology - Rickettsias.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67007.

isolated rickettsias to a separate species of the genus Dermacentroxenus under the name of D. deserti pavlovskyl. Becuase of the presence under natural environment of hungry ticks H. asiaticum, infected with rickettsias and the transovarial transmission of infection, the authors think that the ticks are carriers.

Card 2/2

AT4033982

ACCESSION NR:

5/0000/63/000/000/0037/0041

AUTHOR: Bogdanov, M. N.; Kalmyrkova, V. D.; Mandrosova, F. M.; Zhmayeva, I. V.; Okromchedlidze, N. P.; Sedyrkh, N. V.

TITLE: Synthesis and properties of fiber-forming polyalkyleneterephthalamides

SOURCE: Geterotsepny*ye vy*sokomolekulyarny*ye soyedineniya (Heterochain macro-molecular compounds); sbornik statey. Moscow, Izd-vo "Nauka," 1963, 37-41

TOPIC TAGS: synthetic fiber, artificial silk, terephthalic acid, terephthalamide, polyalkylene terephthalamide, Alpha Omega diamine, Kapron

ABSTACT: A large number of polyamides based on terephthalic acid and unbranched \$\times\,\wsigmu\-\text{-diamines}\$ with 8-16 methylene groups in the chain were synthesized and investigated with respect to their thermomechanical properties. The methods and conditions of synthesis are described. Effective additives were the aromatic hydroxy compounds, such as the isomers of hydroxyphenyl- and hydroxydiphenyl-methane, which in an amount of 30-50% gave spinnable high-molecular-weight polyamides resistant to crystallization up to 320-340C. These are very suitable for spinning high-melting fibers. The limiting temperature of crystallization for polyamides from various terephthalates decreased to 280C or below. The synthesized polyamides were high-melting, strong, white substances, soluble only in concentrated and 1/2

ACCESSION NR: AT4033982

H2SO₄. The thermal stability of the resulting fibers was tested by strength loss at 140C. A comparison of the thermodynamic curves of synthesized high-melting monofilaments and polycaproamide filaments showed that the differences in the relative variation of fiber length during heating are relatively small and the maximum difference in the temperature of incipient deformation does not exceed 40C. Fibers made from polyalkyleneterephthalamide, regardless of the much higher melting point, differ only slightly in thermal stability from Kapron fiber. The conditions of preparation and the properties (viscosity, melting points) of various polyalkyleneterephthalamides as well as the spinning conditions and fiber properties (strength, etc.) are tabulated. Orig. art. has: 1 figure and 3 tables.

ASSOCIATION: Vsesoyuznyky nauchno-issledovateliskiy institut iskusstvennogo volokna (All-Union Scientific Research Institute of Synthetic Fibers)

SUBMITTED: 15May62

DATE ACQ: 30Apr64

ENCL: 00

SUB CODE: OC. MT

NO REF SOV: 005

OTHER: 014

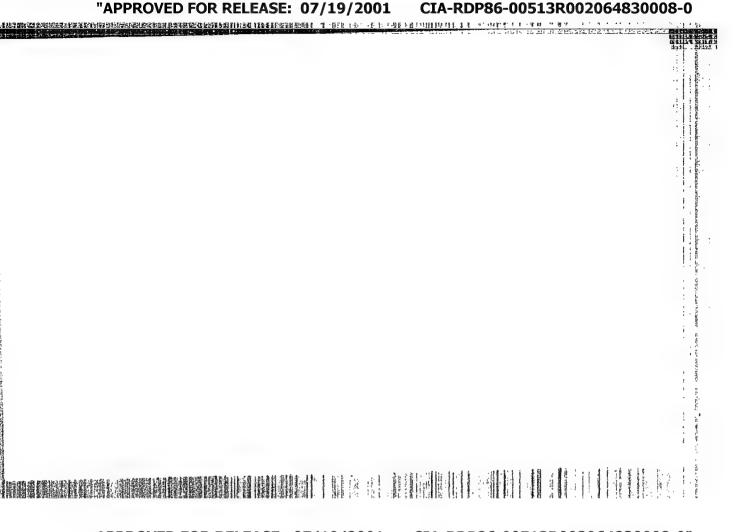
Card 2/2

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064830008-0"

BOGDANOV.	BOGDANOV, M.N.; SPIRINA, I.A.; ZHMAYEVA, I.V.; KALMYKOVA, V.D.									
	Synthesis and properties of some polyamides with reactive groups. Vysokom. soed. 5 no.12:1805-1808 D 163.									
	1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusst-									
	vermogo volokna.									

ZHMAYEVA, Z.M.; PCHELKINA, A.A.; KARULIN, B.Ye. Q_fever in Turkmenistan. Vop.kraev.paraz.Turk.SSR 3:207-213 '62. (MIRA 16:4) 1. Institut epidemiologii i mikrobiologii imeni N.F.Gamaleya AMN SSSR, Moskva. (TUREMENISTAN-Q FEVER)





ZHMAYEVA, Z.M. Ticks of the femily Ixodidae in Serakhs District of the Turkmen s.S.R. Vop.kraev., ob.i eksp.paraz. i med. zool. 9:65-69 '55. (MIRA 10:1) 1. Iz otdela parazitologii i meditsinskoy zoologii (zav. - akad. Ye.M.Pavlovskiy) Instituta epidemiologii i mikrobiologii imeni N.F.Gemaleya (dir. - deystvitel'nyy ohlen Akademii meditsinskikh nauk SSSR. (SERAKHS DISTRICT—TICKS) (SERAKHS DISTRICT—TICKS)

ZHMAYEVA, Z. M., KUCHERUK, V. V., and SIDOROVA, dA.

"Self-Defense Measures of Small Rodents Against the Larva of Ixodidae Ticks."

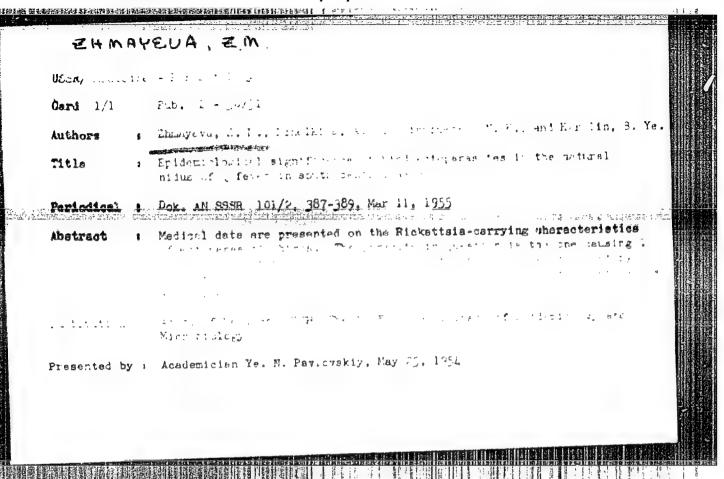
Proceedings of Inst. Epidem. and Microbiol. im. Gamaleya, 1954-56.

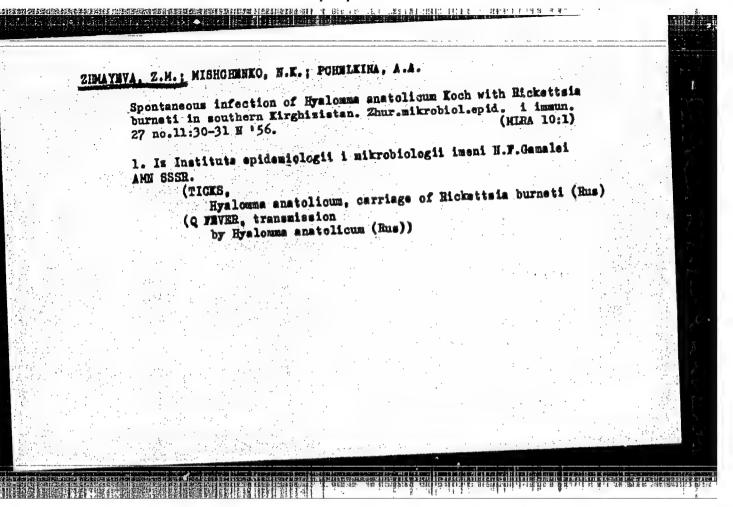
Division of Parasitology and Medical Zoology, Favlovskiy, Yevgeniy Nikanorovich Active Member of Academy of Medical Sciences, USSR, head., Inst. Epidem. and Microbiol. im. Gamoleya, AMS USSR.

S0: Sum 1186, 11 Jan 57.

Self-protection of small rodents from larvae of ixodic ticks. Zool.shur. 34 no.4:948-950 Jl-Ag '55. (NIRA 8:9)

1. Otdel parasitologii i meditsinskoy soologii (sav.Ye.N.Pav-lovskiy) Instituta epidemiologii i mikrobiologii imeni N.F. Gamaleya Akademii meditsinskikh nauk SSSR. (Rodentim-Diseases) (Ticks)





PCHELKINA, A.A.; ZHMAYNYA, Z.M.; ZUBKOYA, B.I.

Q fever in northern Kasakhatan. Zhur.mikrobiol.epid. i immun. 27
no.11:32-35 N *56.

1. Is Institute epidemiologii i mikrobiologii imeni N.F.Gamalei
AMN 86SR.

(Q FNVHR, epidemiology,
in Emssia, in Kasakstan (Ems))

ZHMATEVA, Z.M.; VOROB'TEV, K.P.; ARKHIPOVA, V.A.

On the distribution of ixedid bloks in Chardshou Province [with English summary in insert]. Zeel. zhur. 35 ns. 5:700-704 ky '56. (MIRA 9:9)

1. Otdel parasitelogii i meditsinsky zeelegii (zav.-akad. Ye.H. Pavlevskiy)
IEM AMN SSSR imeni M.F. Gamaleya.

(Chardshou Province--Ticks)

ZHMAYEVA, Z.M.; KAHULIN, B.Ye.; PCHELKINA, A.A.; SHEKHANOV, N.V.

Mammals as vectors of Rickettsia burneti - the causative agent of Q-fever. Dokl. AN SSSR 109 no.6:1127-1228 Ag '56. (MIRA 9:11)

1. Institut epidemiologii i mikrobiologii imeni N.W. Gamaleya Akademii Meditsinskikh nauk SSSR. Predstavleno akademikou Ye; N. Pavlovskim. (KAZAKHSTAN—Q FEVER) (RODENTS AS CARRIERS OF DISEASE)

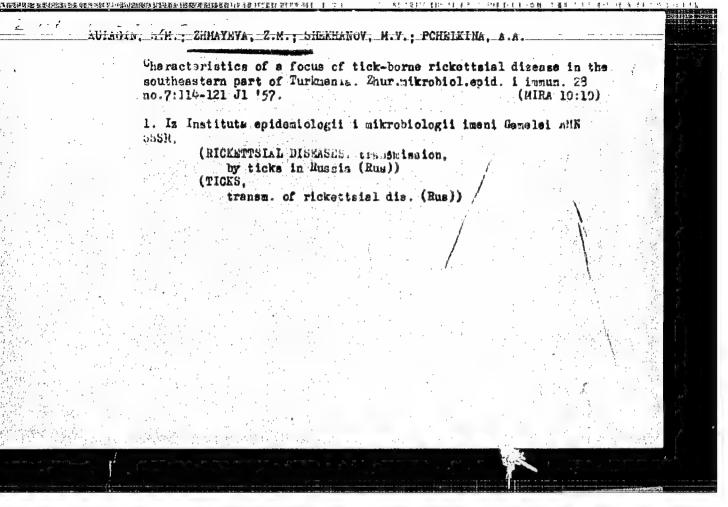
"Domestic Fowl as Carriers of Q Fever Rickettsia in the Turkmen SSR," by Z. M. Zhunayeva and A. A. Pchelkins, Institute of Epidemiology and Microbiology imeal N. F. Gamaleya, Academy of Medical Sciences USSR, Zhurnal Microbiologii, Epidemiologii, i Immunobiologii, No 3, Mar 57, H 39-41

The work reports on the discovery of Q fever and its pathogen, R burneti, in the Turkmen SSR by an expedition from the Institute of Epidemiology and Microbiology under P. A. Petrishchev in 1953. The Epidemiology was isolated from human patients, two species of ticks (Hyalopathogen was isolated from human patients, two species of ticks (Hyalopathogen was isolated from human patients, two species of mites man anatolicum and Ornithodorus tartakovsky), one species of mites (Leeuwenhoekia major), and two species of ausliks.

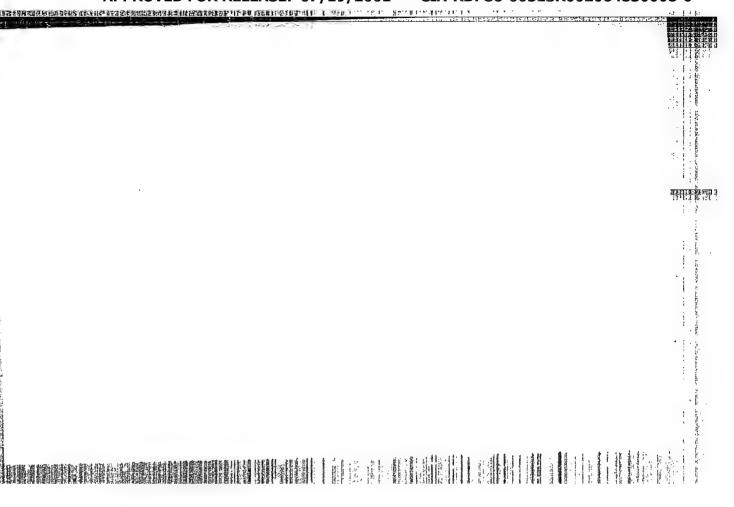
In 1954, studies were made of the epidemiological significance of domestic fowlin a region 70 km southwest of the Amu-Der where two craces of positive complement fixation reactions had been reported. After elimi nation of any other contacts, the infection was traced to the consumption of raw eggs. Large numbers of the Argas persicus mite were found on the chickens; therefore, to prove the spontaneous carrying of rickettsia by chickens, suspensions of brain and kidney tissues from two roosters were prepared and 4 ml of the suspension injected into the abdominal cavities of two guinea pigs. Within 11 days, both animals developed a fever which lasted 14 days. Experiments were continued with various internal organs of guinea pigs, and examination showed light hyperemia of the lungs, an increase of the spleen to three or four times its normal size, and hyperemia of the kidneys. At the spot where the uspension had been injected subcutaneously into the leg, a serousmorrhagic infiltrate developed. Upon a second passage through the guinea pigs, conglomerates of cocciform rickettsia were found at the injection point.

The authors conclude that Q fever can be transmitted through the consumption of raw eggs and that chickens can form a reservoir of the Q fever pathogen. (U)

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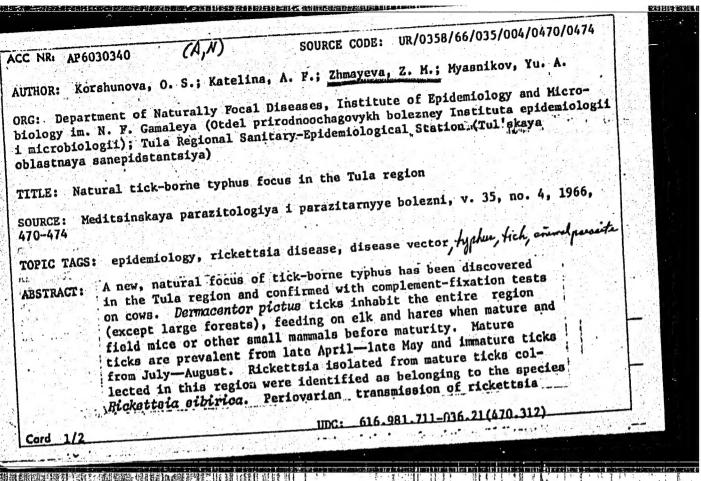
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MIRA 18:3)

1. Deystvitel myy chlen AMN SSSR (for Aleksanyan, Gromashevskiy, Zhdanov, Zhukov-Verezhnikov). 2. Chlenkorrespondent AMN SSSR (for Rogozin, Boldyrev).

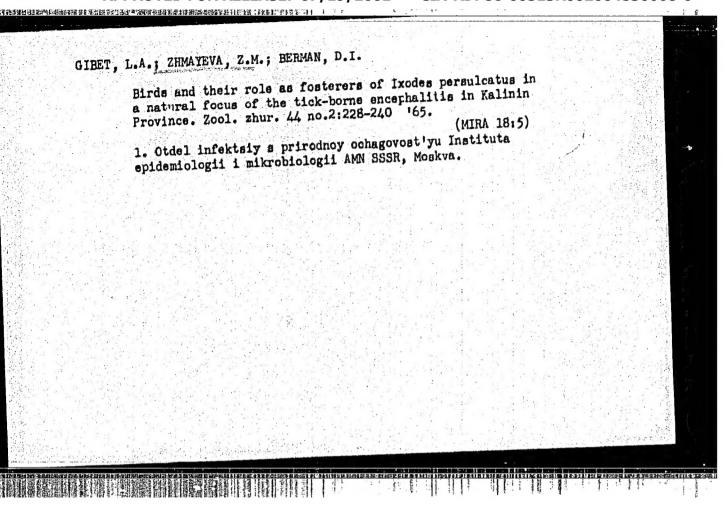


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ului-a	during tick metamorphosis was established. Complement-fixing antibodies to Rickettsia sibirica were found in only 2 of 50 Tula inhabitants tested, which agrees with the normally rare infestation of man by Dermacentor pictus. [WA-50; CBE No. 12]								
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ZHMAYEVA, Z.M.; PETRISHCHEVA, P.A.; PCHELKINA, A.A.

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